

OPINION 2362 (Case 3620)***Ticinella primula* Luterbacher, 1963 (Foraminifera, Globigerinida, ROTALIPOROIDEA, ROTALIPORIDAE): specific name conserved**

Abstract. Under the plenary power the Commission has conserved the name *Ticinella primula* Luterbacher, 1963, which is in prevailing use for a species of Early Cretaceous (Albian) planktonic foraminifera of the superfamily ROTALIPOROIDEA Sigal, 1958 (nom. correct. ex ROTALIPORACEA) by suppressing its senior subjective synonym *Hedbergella yezoana* Takayanagi & Iwamoto, 1962.

Keywords. Nomenclature; taxonomy; Foraminifera; Globigerinida; ROTALIPOROIDEA; ROTALIPORIDAE; *Ticinella*; *Ticinella primula*; *Hedbergella yezoana*; planktonic foraminifera; Albian; Early Cretaceous.

Ruling

- (1) Under the plenary power the Commission has suppressed the specific name *yezoana* Takayanagi & Iwamoto, 1962, as published in the trinomen *Hedbergella trocoidea yezoana*, for the purposes of the Principle of Priority, but not for those of the Principle of Homonymy.
- (2) The specific name *primula* Luterbacher, 1963, as published in the binomen *Ticinella primula*, is hereby placed on the Official List of Specific Names in Zoology.
- (3) The specific name *yezoana* Takayanagi & Iwamoto, 1962, as published in the trinomen *Hedbergella trocoidea yezoana* and as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 3620

An application to conserve the specific name *Ticinella primula* Luterbacher, 1963 for a species of Early Cretaceous (Albian) planktonic foraminifera was received from Atsushi Ando (*Department of Paleobiology, National Museum of Natural History, Smithsonian Institution, Washington, D.C., U.S.A.*) on 13 February 2013. After correspondence the Case was published in BZN 70: 71–74 (June 2013). The title, abstract and keywords of the Case were published on the Commission's website. No comments were received on this Case. The Case was sent for vote on 1 December 2014 (VP 24). A greater than two-thirds majority of Commissioners voted FOR the Case (13 For, 4 Against).

Decision of the Commission

At the close of the voting period on 1 March 2015 the votes were as follows:

Affirmative votes – 13: Ballerio, Bouchet, Brothers, Grygier, Harvey, Krell, Pape, Patterson, Rosenberg, van Tol, Yanega, Zhang and Zhou.

Negative votes – 4: Alonso-Zarazaga, Halliday, Kojima and Štys.

Bogutskaya, Fautin, Kottelat, Kullander, Lamas, Ng, Pyle and Winston were on leave of absence.

Voting FOR, Grygier said that he would have preferred conditional reversal of precedence, which was mentioned at one point in the text, instead of the asked-for suppression. Voting AGAINST, Alonso-Zarazaga said that papers like this should be rewritten prior to publication in the BZN to request reversal of precedence instead of suppression. If in the future it is discovered that the two forms are different taxa, a new name would have to be proposed, since one available name would have been lost, adding to confusion. Also voting AGAINST, Halliday explained that he voted against this proposal, because it asked for the wrong solution to the problem. *Hedbergella yezoana* and *Ticinella primula* were subjective synonyms. Future research might show that they are actually different species. If the name *yezoana* were to be suppressed, that species would be left without a name. A better solution would be to grant *primula* precedence over *yezoana* whenever the two are considered to be synonyms, and not to completely suppress *yezoana*. Also voting AGAINST, Kojima said that the proposal was based on a taxonomic decision and thus conditional precedence of *Ticinella primula* Luterbacher, 1963 over *Hedbergella yezoana* Takayanagi & Iwamoto, 1962 would have been a better solution. Also voting AGAINST, Štys said that he failed to see why the junior synonym could not continue to be used as an indicative name in biochronology and biostratigraphy. Therefore, he preferred to follow the Principle of Priority.

Original references

The following are the original references to the names placed on either an Official List or Index by the ruling given in the present Opinion:

- primula*, *Hedbergella*, Luterbacher, 1963, *Eclogae Geologicae Helvetiae*, **56**: 1085–1086.
yezoana, *Hedbergella*, Takayanagi & Iwamoto, 1962, *Transactions and Proceedings of Palaeontological Society of Japan, New Series*, **45**: 191–192.